

CLAIMS

What is claimed is:

- 1 1. An expansion board capable of being attached to a mother board of a computer
2 system and enabled to expand the capability of said computer system, comprising:
3
4 a first face facing said mother board;
5
6 a second face, which positioned at a back of said first face; and
7
8 a projection formed by a flexible sheet extended from said second face so as to be
9 separated therefrom.
- 1 2. The expansion board according to Claim 1,
2
3 wherein said projection has a length within about 7 mm to about 35 mm between a
4 fixed end fixed to said second face and a free end.
- 1 3. An expansion board capable of being attached to a mother board of a computer
2 system and enabled to expand the capability of said computer system,
3
4 wherein said expansion board has two surfaces which are a face and a back;
5
6 said back is provided with a connector used to connect said mother board of said computer
7 system; and
8
9 said face is provided with a grip used to hold said expansion board by hand.
- 1 4. The expansion board according to Claim 3,
2
3 wherein said grip has a fixed end fixed to said expansion board; and
4
5 the center of said fixed end is positioned within about 10 mm from a position
6 corresponding to the center of said connector.

1 5. A communication expansion board, comprising:

2
3 a board including a primary area used to connect an external network and a
4 secondary area used to connect a portion inside a computer;

5
6 an insulating film used to cover at least said primary area of said board; and

7
8 a projection including a fixed end fixed to the face of said insulating film and a free
9 end separated from said insulating film.

1 6. The communication expansion board according to Claim 5,

2
3 wherein said projection is formed by extending said insulating film.

1 7. The communication expansion board according to Claim 6,

2
3 wherein said insulating film is wound on said communication expansion board in the
4 width direction; and

5
6 said projection is protruded in a longitudinal direction of said communication
7 expansion board so as to cross said width direction.

1 8. The communication expansion board according to Claim 5,

2
3 wherein said projection is formed by a sheet; and

4
5 said fixed end of said projection is formed by connecting one end of said sheet to said
6 insulating film..

1 9. The communication expansion board according to Claim 5,

2
3 wherein said projection is formed by a sheet; and

4
5 said sheet is wound on said communication expansion board and both ends of said
6 sheet are connected to each other so as to form said projection.

1 10. An insulating film used for a communication expansion board, comprising:
2
3 a cover portion used to cover a face of said communication expansion board; and
4
5 a projection protruded from a fixed end towards external on a surface of said cover
6 portion and enabled to be taken by fingers.

1 11. The insulating film according to Claim 10,
2
3 wherein said fixed portion of said projection has a width within about 7 mm to about
4 30 mm.

1 12. A computer system, comprising:
2
3 an accepting device for accepting an expansion board removably;
4
5 a processing device for processing data of said expansion board to be connected to said
6 accepting device; and
7
8 a board holding device located on a face of said expansion board and held by a user
9 when said expansion board is to be removed/attached to/from said accepting device.

1 13. The computer system according to Claim 12,
2
3 wherein said board holding device is configured so as to enable the user to remove said
4 expansion board from said accepting device.

1 14. A computer system provided with a mother board and an expansion board
2 connected to said mother board,
3 wherein said mother board includes:
4 a processor; and
5 an expansion board connector used to connect an expansion board and send/receive
6 data to/from said processor; and
7 said expansion board includes:
8 a mother board connector used to connect said mother board; and
9 a protruded sheet protruded from the face of said expansion board.

1 15. The computer system according to Claim 14,

2
3 wherein a communication channel used to communicate with an external network is
4 extended from said processor and connected to said expansion board connector,

5
6 said communication channel includes:

7
8 a modem channel; and

9
10 a LAN channel or wireless LAN channel.

1 16. The computer system according to Claim 14,

2
3 wherein said expansion board is provided with said mother board connector located on
4 the back thereof.

1 17. A method for removing an expansion board from a mother board connector,
2 comprising the steps of:

3
4 holding a grip protruded from the face of said expansion board; and

5
6 taking said grip with fingers so as to disconnect said expansion board from said mother
7 board connector connected to the back of said expansion board, thereby removing said
8 expansion board.

1 18. An electronic circuit board, comprising:

2 first and second main faces that face each other;

3
4 a connector located on said first main face and enabled to connect an external device; and

5
6 a flexible sheet located on the face of said electronic circuit board,

7
8 wherein part of said flexible sheet is connected to said electronic circuit board and
9 another part thereof is extended so as to be separated from said second main face.

1 19. The electronic circuit board according to Claim 18,
2
3 wherein said board further includes an electronic circuit; and
4
5 at least part of said electronic circuit is covered by said flexible sheet.